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IN 2001, THE CALIFORNIA HEALTH INTERVIEW SURVEY conducted its first survey under the direction of E. Richard “Rick” Brown, tireless public health advocate, professor at the UCLA Fielding School of Public Health, and founder of the UCLA Center for Health Policy Research (CHPR). That biennial survey posed a series of questions to 55,000 adults, teens, and children in the state, from general health status to racial and sexual identity to health access and beyond. Data released two years later provided the first in-depth look at the health of Californians — and the rest, as they say, is history.

The state’s population is a diverse tapestry, and for two decades, CHIS has studied its individual threads — namely, data on the varied and specific health needs of different groups, particularly those who are underserved. CHIS data has helped inform work by researchers, scholars, and advocates who are trying to improve health at private and public agencies, such as universities, The California Endowment, and the California Department of Public Health. CHIS has guided actions, policies, and laws proposed by legislators, from Governor Arnold Schwarzenegger, who attempted to reform health care in 2007, to U.S. Secretary Xavier Becerra and California Attorney General Rob Bonta, who in their previous roles as California Attorney General and State Assemblymember, respectively, protested the expansion of federal public charge rules in 2019.

Twenty years after Dr. Brown and the UCLA Center for Health Policy Research launched CHIS, the now-annual survey is still at the forefront of data gathering and dissemination. The 2020 survey data, released in September 2021, included its first-ever questions about health behaviors surrounding the COVID-19 pandemic, the results of which the CHIS “rapid response” team quickly developed into several accessible dashboards. This year, CHIS data were cited in more than 250 scholarly publications and 350+ media stories. Finally, CHIS acts as a beacon for other local, state, and national agencies that are honing their own survey methodology.

Rick’s mission for CHIS was to provide current, credible, and usable data to support health policy reforms that positively impact public health. The following pages provide evidence that we are upholding and expanding on his legacy — and will continue to do so for many years to come.

Todd Hughes
Director, California Health Interview Survey (CHIS)

Ninez A. Ponce, PhD, MPP
Center Director, UCLA Center for Health Policy Research (CHPR), and Principal Investigator, CHIS
The California Health Interview Survey, today the nation’s largest state health survey, turned 20 in 2021. Let’s take a look at how we started and how much impact we’ve made over the last 20 years.

**2001**
- UCLA CHPR, led by E. Richard Brown, PhD, conducts the first CHIS of more than 50,000 California adults, teens, and children in six languages: English, Spanish, Chinese, Vietnamese, Korean, and Khmer.

**2002**
- “The California Health Interview Survey 2001: Translation of a Major Survey for California’s Multiethnic Population” is published in Public Health Reports.

**2003**
- CHIS data are used in Senate Bill 2, which required medium and large companies to provide health benefits to workers in California, and was signed by the governor in October. Although the law was later repealed, it laid the foundation for future health care reform efforts.

**2004**
- “The State of Health Insurance in California: Findings from the 2001 California Health Interview Survey” is published and finds that 6.3 million Californians (21%) experienced a lack of health insurance coverage at some point in 2001.
This research underscores everything we have been talking about. Coverage is eroding because costs are out of control for businesses and workers, making it harder for them to compete," said Governor Schwarzenegger. "All this points out once again that we need comprehensive health care reform that insures everyone and guarantees all Californians have access to affordable and reliable care."

Governor Schwarzenegger and legislators draw on CHIS data in a 2007–2008 effort to reform California's health care system; Governor Schwarzenegger helps launch the landmark CHIS publication "The State of Health Insurance in California."

The Los Angeles Department of City Planning and the City Attorney used CHIS data to help draft a city ordinance prohibiting the establishment of new fast food restaurants in South Los Angeles.

The Agency for Healthcare Research and Quality (AHRQ) cites CHIS data on Asian and Hispanic subpopulations in California in its 2009 National Healthcare Disparities Report, noting that most national data sources do not have sufficient data to report estimates for these groups.

CHIS data is cited extensively in SB 840, a single-payer bill that is passed by the legislature but vetoed by then-Governor Arnold Schwarzenegger.

554,572 telephone numbers were drawn and dialed in the 2005 CHIS.

The State of Health Insurance in California: Findings from the 2001 California Health Interview Survey
E. R. Brown, PhD, N. Pence, PhD, T. Rice, PhD, S. A. Laverdure, MPP

Summary
Prepared on June 20, 2002. This report examines health insurance coverage in California based on the 2001 California Health Interview Survey (CHIS 2001). CHIS 2001 provides sex-time frames and a rich source of data with which to better understand health insurance coverage and the lack of coverage for California’s diverse population.

Using CHIS 2001 data, we estimated 4,715,000 Californians lacked health insurance at the time they were interviewed in 2001. An additional 1,753,000 persons were uninsured when interviewed, but were uninsured during at least some of the preceding 12 months. Thus, a total of 6,300,000 Californians (22%) experienced lack of coverage during at least some part of a year. For those covered by some form of health insurance at the time of interview, employment-based health insurance remained critically important, covering nearly two-thirds of all nonelderly adults and children in California (19.7 million). Most-Cal and Medi-Cal families combined cover 16% of California children and adults under 55—a total of 4.69 million people. Despite the important role these sources of coverage play, together with privately purchased insurance and some additional public programs, 15.7% of nonelderly Californians were uninsured at the time they were interviewed. More than 1.37 million workers (4.5%) are uninsured, comprising over half (54.1%) of all uninsured adults. Los Angeles County remains the epicenter of precariousness in California and the nation.

Key Findings
- Among the nonelderly population, whites have the highest rate of job-based insurance (70.4%) while at the other extreme, Latinos have the lowest rate of job-based insurance (42.3%) in part because of an
Using CHIS data, a UCLA CHPR study found that nearly 2 million Californians lost health insurance during the recession. Subsequent media coverage — including a front-page story in the Los Angeles Times — prompted interest by lawmakers and contributed to the momentum for passage of historic health care reform legislation.

Two UCLA CHPR publications that used CHIS data were cited in an amicus brief filed before the U.S. Supreme Court by The California Endowment to support the individual mandate, which the court upheld.

CHIS data were used to support and evaluate the Affordable Care Act (ACA) and track its effectiveness in a new web tool, ACA 411.

A report from the National Academy of Sciences, "The Health of Lesbian, Gay, Bisexual, and Transgender People: Building a Foundation for Better Understanding," discussed CHIS as a national model for data collection on the health of the lesbian, gay, bisexual and transgender (LGBT) population.

"The sampling methods used in CHIS are an example of how important disparities can be examined when data are collected this way." The U.S. Department of Health and Human Services’ National Healthcare Disparities Report notes that CHIS fills the gaps in national data for many underserved populations.

Numerous organizations submitted amicus briefs that cited "Same-Sex Legal Marriage and Psychological Well-Being: Findings from the California Health Interview Survey," a Williams Institute study based on CHIS LGB data, in support of same-sex marriage in Obergefell v. Hodges. The U.S. Supreme Court ruled in favor of the petitioners in June.
As the COVID-19 pandemic took hold, CHIS quickly added COVID-19 questions to its survey, developed various tracking dashboards, and for the first time in history, released preliminary estimates during the same year as data collection.

UCLA CHPR analysis of “public charge” rule changes, which includes CHIS data, were cited in official comments by U.S. Senators Kamala Harris and Nanette Diaz Barragán, California Attorney General Xavier Becerra, and many advocacy groups.

UCLA CHPR experts provided data for U.S. Senator Dianne Feinstein’s office on insurance premium affordability (state and national) using the California Simulation of Health Insurance Markets (CalSIM), which uses CHIS data.

CHIS data on California prediabetes rates is provided to Assemblymember Adam Gray’s office for the analysis of AB447, a state bill that allows Medi-Cal to cover the cost of continuous glucose monitors.

CHIS transitions to a mixed-mode survey (web and telephone) using a random sample of California addresses.

CHIS is also awarded the 2019 Health Services Research Impact Award by AcademyHealth.

2021 was another successful year. Read the pages that follow to learn how CHIS made an impact in 2021.
When the COVID-19 pandemic began in 2020, the research community jumped into action to create tools to track the disease and help control its spread. CHIS was no exception, quickly adding COVID-19 questions to the 2020 survey. Given its real-time impact, CHIS launched the COVID-19 Preliminary Estimates Dashboard.

For the first time in its 20-year history, CHIS released early data ahead of its annual release — shedding light on how Californians were navigating the pandemic, including COVID-19 treatment, personal and financial impacts, and interpersonal conflict in the household during stay-at-home orders. For several months, CHIS tracked various health behaviors, attitudes towards vaccines, and personal impacts that could help policymakers, health experts, community organizations, and other stakeholders bridge gaps in needs for communities who were hit the hardest by this unprecedented crisis.

A year later, the 2021 CHIS COVID-19 Preliminary Estimates Dashboard continues to provide timely information, releasing monthly data collected during the months of March through August 2021, and expanding to include additional questions on risk reduction behaviors such as frequency of wearing face coverings, following safety guidelines, physical distancing, and gathering with people outside of their household.

“Following various safety precautions is a vital part of the state’s recovery from COVID-19, so the information provided can help groups who are trying to increase vaccination rates, give financial assistance, or simply access resources on staying healthy as we make our way out of this pandemic,” said Ninez A. Ponce, PhD, MPP, UCLA CHPR director and CHIS principal investigator.

The survey also asked about whether Californians had received the vaccine and whether they would get it. Personal impact questions, such as whether respondents were experiencing financial difficulties paying for rent or mortgage, basic necessities, or were experiencing mental health problems were also asked. Additional filters, including race and ethnicity, California region, federal poverty level, and citizenship status, provide a more detailed picture of the pandemic's impact.
CHIS COVID-19 DASHBOARDS BY THE NUMBERS

COVID-19 PRELIMINARY ESTIMATES DASHBOARD

7,000+ dashboard views*

26,000+ Twitter impressions (2021)

675+ Twitter engagements (2021)

7,000+ Facebook impressions (2021)

Featured in

67 media outlets in 2021

including:

- Los Angeles Daily News
- Deadline
- Yahoo! News
- LAist
- KPCC
- OC Register
...and much more

COVID-19 RATES AND RISK FACTORS DASHBOARD

7,800+ dashboard views*

*2020-2021 data
The COVID-19 pandemic. Racial injustice and inequality. A national election, a divided nation. 2020 was a year of unprecedented challenges and change, but how big of an impact did it have on the lives and health of Californians?

On September 22, 2021, UCLA CHPR released findings from the 2020 California Health Interview Survey (CHIS), which showed a range of results on the effect of these challenges on health care access and status.

The 2020 survey, which was quickly adapted in 2020 to add a series of COVID-19 questions, was released more than a month in advance to help policymakers, legislators, health departments, community advocates, researchers, and others identify needs in the state and in their communities to improve the health and well-being of adults and youth across California.

The survey found that COVID-19 was a primary reason why people delayed or decided to go without medical care in 2020. In contrast, it may have been a surprise that there were a record number of Californians — 94% — who had health insurance coverage last year. Differences in health care access, especially across racial and ethnic groups, were more likely to have been magnified during this time period. This was confirmed by an accompanying policy brief, funded by the California Health Care Foundation, which estimated that about 1 in 10 (or 11% of) Black and African American respondents said that they did not have a usual place to go when sick or needing health advice in 2020, a 26% jump from 2019, despite almost 90% of this group being insured.

Additional CHIS 2020 highlights include:

COVID-19 was cited as a primary reason why Californians delayed or decided to go without medical care in 2020: 21.6% of all Californians who reported delaying or forgoing medical care cited COVID-19 as the main reason. Older adults ages 65 and up were the most likely to cite COVID-19 as the main reason for delaying or forgoing care at 44.2%.

Reports of unfair treatment based on race and ethnicity were more pronounced among certain groups. Black and Asian adults were more likely to report experiencing unfair treatment at 6.4% and 4.2%, respectively, compared to 1.9% of all adults. Adults who reported being treated unfairly due to race and ethnicity were also more likely to say they had thoughts of suicide compared to individuals who said they did not experience unfair treatment due to their race or ethnicity — 19.3% vs. 12.1%.

Stay-at-home orders led to a drop in binge drinking among youth, but soaring internet usage. 2.6% of adolescents ages 12–17 said they engaged in binge drinking in the past month in 2020 compared to 7% in 2019. There was a 51% increase from 2019 to 2020 of adolescents reporting that they were “almost constantly” on the internet — 28.6% in 2019 vs. 43.2% in 2020.
291 ATTENDEES

tuned in live to the 2020 CHIS data release from across the country.

including the California and Los Angeles Departments of Public Health, National Institutes of Health, CDC, Health Resources and Services Administration (HRSA), Kaiser Permanente, and First 5 California.

18+ MEDIA OUTLETS

covered the data release, including KNX 1070, Patch, Capital & Main, Medical Xpress, and KFI AM 640.

10,000 IMPRESSIONS

on UCLA CHPR social media channels, including 671 engagements on Twitter.
CHIS DATA USER TRAININGS

As part of the Center’s ongoing commitment to democratize data and put it into the hands of people who need it, CHIS hosted four data user trainings from December 2020 through December 2021 to demonstrate how to use CHIS’ free online data tools to get data on a wide range of health topics across many sociodemographic factors.

The 90-minute virtual trainings featured AskCHIS™, AskCHIS™ Neighborhood Edition (NE), CHIS’ COVID-19 dashboards and preliminary estimates, and Health Profiles.

From right here in California to Washington, D.C., to New York City, attendees represented a wide range of organizations throughout the country, including local, state, and federal agencies and public health departments; hospitals; health insurance companies; community organizations and advocates; foundations; colleges and universities; research organizations; and much more. The trainings were funded by The California Endowment.

550+ attendees

75+ organizations

including the California Department of Public Health • Los Angeles County Department of Public Health • Centers for Disease Control and Prevention (CDC) • National Institutes of Health (NIH) • California Legislative Analyst’s Office • California Department of Health Care Services • Covered California • National Center for Health Statistics • National Cancer Institute • California Research Bureau • RAND Corporation • First 5 California • UCLA Health • Cedars-Sinai • Kaiser Permanente • Blue Shield of California • L.A. Care Health Plan • AltaMed • Scripps Health • Community Clinic Association of Los Angeles County • Southern California Association of Governments • California Immigrant Policy Center • Indian Health Service • Institute for Public Strategies • California Hospital Medical Center • Children’s Hospital Los Angeles • California Primary Care Association
CHIS’ commitment to the democratization of data is evident through a variety of publicly available CHIS data files and web tools, including:

**ASKCHIS™**

AskCHIS™ is a free online health query system that allows users to quickly search for health statistics on your county, region, and state. With 1.6 million queries since launch, AskCHIS™ is used by researchers, health departments, community organizations, policymakers, advocates, media, foundations, and more to get data on a wide range of topics. The 2020 CHIS data was made available in AskCHIS™ in September 2021.

**ASKCHIS™ NEIGHBORHOOD EDITION (NE)**

AskCHIS™ NE provides health estimates at the local level (census tracts, ZIP codes, and cities). The 2018 data was uploaded in February 2021. Read more on the next page.

The AskCHIS™ NE Application Programming Interface (API) gives web developers, programmers, and data analysts on-demand access to the most current health information from AskCHIS™ NE for all California counties, cities, congressional districts, ZIP codes, and census tracts. If you don’t need access to data for all indicators or all geographic areas, the AskCHIS™ NE Individual Data Request might be a better option, providing a statewide data file for a single specific health indicator and level of geography.

**PUBLIC USE FILES (PUFS)**

CHIS Public Use Files (PUFs) allow users to dig deep into California’s health issues with comprehensive statewide CHIS data files on a variety of topics. PUFs enable researchers to customize and run their own statistical code. Files are available in various statistical programming formats — SAS, SPSS, and STATA. The 2019/2020 two-year CHIS PUF was released in December 2021. The two-year PUF has additional variables not included in the single-year PUF, such as more detailed race/ethnicity variables. PUFs allow researchers and other data users to look at CHIS variables more closely, as well as customize and run their own data analyses.

**CONFIDENTIAL DATA**

Researchers can apply to analyze confidential CHIS data, data sensitive variables, and/or geo-coded data through the CHIS Data Access Center (DAC). The DAC provides researchers with remote access to confidential data files in a secure, controlled environment that protects the confidentiality of respondents. The confidential CHIS files maintained in the DAC contain detailed geographic identifiers, complete demographic information for survey respondents, and highly sensitive information (e.g., sexual behaviors, mental health treatment) that has been specifically excluded from the freely available CHIS PUFs. Access to confidential CHIS data requires a research application, review, and approval.
In February 2021, CHIS unveiled updates to AskCHIS™ Neighborhood Edition (NE), which provides accessible data at the city, ZIP code, county, legislative, and now census tract level. This is the first time CHIS has released data at the census tract level, enabling users to analyze data truly at the neighborhood level and build their own custom geographic areas of interest, using tracts as building blocks. The update, which included data from the 2018 CHIS, features new indicators that are modeled small area estimates from CHIS to the 2018 data: adults without dental insurance, adult dental visits in the past year, adults with teeth in fair/poor condition, adults using e-cigarettes in the last 30 days, and adults performing volunteer work/community service in the past year. The release also included four area-based vulnerability indices at the census tract level only:

**Preexisting Health Vulnerability Index:** captures risk of COVID-19 infection and death due to preexisting health conditions. This index comprises six different 2016 AskCHIS NE variables: adult diabetes, obesity, heart disease, health status, psychological distress, and food insecurity.

**Area Deprivation Index:** based on a measure created by the Health Resources and Services Administration (HRSA). It allows for rankings of neighborhoods by socioeconomic disadvantage in a region of interest.

**Healthy Places Index (HPI):** created by the Public Health Alliance of Southern California. The index combines 25 community characteristics, such as housing, education, economic, and social factors, into a single indexed score to explore and change the conditions that predict life expectancy. HPI is now being used by local and state government agencies, community groups, and various other stakeholders.

**Social Vulnerability Index:** created by the Centers for Disease Control and Prevention (CDC) to help public health officials and emergency response planners identify and map communities that will most likely need support before, during, and after a hazardous event.

"Last year, more than 100,000 queries were run in AskCHIS and AskCHIS NE. That’s nearly 275 queries per day. Now, more than ever, we need access to reliable data to identify COVID-19 vulnerabilities, protect the most at-risk communities, support decision-making, and inform policy."

Todd Hughes  
Director, CHIS
ASKCHIS™ NEIGHBORHOOD EDITION (NE) BY THE NUMBERS

6,840 queries run in AskCHIS™ NE in 2021
40,209 queries run in AskCHIS™ NE since its inception
1,731 total AskCHIS™ NE users

Top 10 queries run in AskCHIS™ NE in 2021

1. Ever diagnosed with diabetes (18+)
2. Low-income food insecurity (18+)
3. Needed help for mental health problems (18+)
4. Ever diagnosed with asthma (18+)
5. Fair or poor health (18–64)
6. Currently uninsured (18–64)
7. Ever diagnosed with heart disease (18+)
8. Serious psychological distress (18+)
9. Obese (BMI >= 30) (18+)
10. Ever diagnosed with asthma (1–17)

Queries by Geography

- County: 3,078
- ZIP Code: 1,935
- City: 1,542
- Census Tract: 294
### ASKCHIS™ BY THE NUMBERS

- **86,762** queries run in AskCHIS™ in 2021
- **1,601,688** queries run in AskCHIS™ since its inception
- **2,699** total AskCHIS™ users

#### Top 10 queries run in AskCHIS™ in 2021

<table>
<thead>
<tr>
<th>AskCHIS™ Variable</th>
<th>Queries</th>
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<tbody>
<tr>
<td>Ever diagnosed with diabetes</td>
<td>3,563</td>
</tr>
<tr>
<td>Current smoking status — adults</td>
<td>3,556</td>
</tr>
<tr>
<td>Ever diagnosed with asthma</td>
<td>2,477</td>
</tr>
<tr>
<td>Likely has had serious psychological distress during past year</td>
<td>2,412</td>
</tr>
<tr>
<td>Currently insured</td>
<td>2,375</td>
</tr>
<tr>
<td>Body Mass Index — 4 level (adult only)</td>
<td>2,164</td>
</tr>
<tr>
<td>Ever diagnosed with heart disease</td>
<td>1,807</td>
</tr>
<tr>
<td>Type of current health insurance coverage — all ages</td>
<td>1,666</td>
</tr>
<tr>
<td>Health status</td>
<td>1,547</td>
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<tr>
<td>Poverty level</td>
<td>1,517</td>
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</table>
On the heels of President Biden’s February 2021 executive order condemning and combating racism, xenophobia, and intolerance against Asian Americans, Native Hawaiians, and Pacific Islanders (AANHPI) related to COVID-19, CHIS released new data that took a closer look at the impact of the pandemic on AANHPIs. The responses came from new questions that were added to CHIS in July 2020 focused on the marked impact of the pandemic on the AAPI community. The estimates were pooled data from July 2020 through September 2020 and represent a subset of questions that were asked in the 2020 CHIS to these racial and ethnic groups only.

“We wanted to collect and release new data to add to evidence from our advocacy partners on not only the negative health impact COVID-19 is having, but also get at some of the resulting social and behavioral impacts,” said Ninez Ponce, PhD, director of UCLA CHPR and CHIS principal investigator. “Throughout the pandemic, CHIS efforts have been devoted to providing data on overlooked racial and ethnic groups, and we feel that it’s important to bring to light reported abuses, attacks, or unfair treatment, so that decision-makers can create the necessary policies to protect at-risk groups.

"According to the White House memorandum, an estimated 2 million Asian Americans, Native Hawaiians, and Pacific Islanders have served on the front lines of this crisis as health care providers, first responders, and other essential roles. President Biden’s executive order condemning xenophobic language and racism toward AANHPIs in the United States during COVID-19 aligns with the data in our dashboard.”

Key findings included:

**Hate incidents** — 6.8% of AANHPI adults reported directly experiencing a hate incident due to COVID-19 over the last 12 months. Of those who reported a hate incident, 63.7% reported a verbal abuse or attack and 22.4% reported cyberbullying.

1 in 4 (26%) AANHPI adults reported witnessing another Asian or Pacific Islander person being treated unfairly due to their race, ethnicity, or national origin.

**Views on government during the pandemic** — 51.5% agree or strongly agree that the city or local government has done a good job managing the COVID-19 outbreak; 21.9% disagree or strongly disagree.

On the other hand, only 18.8% agree or strongly agree that the national government has done a good job managing the COVID-19 outbreak; 63.3% disagree or strongly disagree.
CHIS 2021 CONTENT CHANGES

CHIS added nearly 20 new questionnaire topics to its 2021 survey, covering timely topics such as gun violence, encounters with law enforcement, immigration, as well as expanded questions on COVID-19.

NEW QUESTIONNAIRE TOPICS ADDED TO CHIS 2021

- Alcohol use (adult)
- CBD use and method of use (adult)
- Exposure to marijuana smoke, usual method of marijuana use, source of marijuana (adult)
- Housing security/stability, length of residency (adult)
- Cancer screening, HPV vaccination (adults in 4 LA SPAs)
- Intimate partner violence (adult)
- Medi-Cal Notice of Actions (adult)
- Paid Family Leave (adult)
- Discrimination in health care setting (adult)
- COVID-19: ever thought, ever tested, challenges due to COVID, risk reduction practices (adult)
- Immigration status and type (adult)
- Encounters with police (adult, adolescent)
- Adverse childhood experiences/positive childhood experiences (adult, adolescent)
- Climate change (adult, adolescent)
- Gun violence prevention (adult, adolescent)
- Diabetes diagnosis, type, age of diagnosis (adolescent)

- Frequency and source of dental services/information (child)
- Book ownership, challenges of reading to children, source of reading materials (child)
- Can specify detailed origins for people who report white or Black race

QUESTIONNAIRE TOPICS DELETED FROM CHIS 2021 (COMPARSED TO CHIS 2020)

- Loneliness scale (adult 65+)
- Planned Parenthood (adult 18–44)
- Sexual violence (adult)
- Caregiving – detailed follow-up (adult)
- COVID-19: personal conflicts due to stay-at-home order (adult)
- Activities of daily living (adult, child)
- Soda consumption (adolescent)
- Dietary intake – fruit and vegetables (adolescent, child)
- Sedentary time (adolescent, child)
- Commute to school (adolescent, child)
- Park use (child)
- Developmental screening (child)
CHIS data was used or cited in 250+ scholarly publications in 2021 — from peer-reviewed journal articles to government reports.

CHIS data was featured in local, state, and national news outlets, including CBS, NBC, PBS, The Sacramento Bee, and much more.

Nearly 100,000 queries were run in AskCHIS™ and AskCHIS™ Neighborhood Edition (NE) in 2021.

CHIS' COVID-19 data dashboards were used more than 16,000 times in 2021.

UCLA CHPR staff produced policy briefs, journal articles, infographics, and reports using CHIS data in 2021.

The September 2021 release of CHIS 2020 data included responses from 22,661 households in 2020, including 21,949 adults, 1,365 adolescents, and 3,548 children.
The UCLA Center for Health Policy Research produced 22 publications, including 9 policy briefs, 2 fact sheets, and 11 infographics, that featured or referenced CHIS data, including:

**Nearly 1 in 3 Adolescents in California Reports Serious Psychological Distress**  
Blanche Wright, D. Imelda Padilla-Frausto

**How Changing Survey Mode Impacts Measures of Tobacco and E-cigarette Use**  
Brian M. Wells

**20 Ways the UCLA Center for Health Policy Research Made an Impact in 2020 (Annual Report)**

**Development Screening Among Children Ages 1–5 in California**  
Nicole Lordi, Sue Holtby

**The Challenge of Meeting the Dental Care Needs of Low-Income California Adults with the Current Dental Workforce**  
Nadereh Pourat, Paula Ortega-Verdugo, and Maria Ditter

**One in 4 Low-Income Immigrant Adults in California Avoided Public Benefit Programs, Likely Worsening Food Insecurity and Access to Health Care**  
Susan H. Babey, Joelle Wolstein, Riti Shimkhada, Ninez A. Ponce

**Uncovering Unique Challenges: Variation in Unmet Mental Health Needs Among Latinx Ethnic Groups in California**  
D. Imelda Padilla-Frausto, Susan H. Babey, Joelle Wolstein, Hin Wing Tse

**Uncovering Unique Challenges: Variation in Unmet Mental Health Needs Among Asian Ethnic Groups in California**  
Hin Wing Tse, D. Imelda Padilla-Frausto, Joelle Wolstein, Susan H. Babey

**Measuring Up? Access to Care in Medi-Cal Compared to Other Types of Health Insurance** (joint publication with the California Health Care Foundation)  
Ninez Ponce, Susan H. Babey, Tara Becker, AJ Scheitler, Petra W. Rasmussen
California Reached Health Coverage Milestone With 94% of People Insured in 2020, but Access to Care Remains a Challenge During the COVID-19 Pandemic
Sean Tan

Missed Opportunities: Up to 9 in 10 Women Eligible for Public Health Services in California Have Unmet Mental Health Need
Safa Salem, D. Imelda Padilla-Frausto, Hin Wing Tse, Firooz Kabir, Nicolás E. Barceló, Blanche Wright

Latinx and Asian Immigrants Have Negative Perceptions of the Immigrant Experience in California
Nadereh Pourat, Maria-Elena De Trinidad Young, Brenda Morales, Lei Chen

Latinx and Asian Immigrants Across California Regions Have Different Experiences with Law and Immigration Enforcement
Maria-Elena De Trinidad Young, Sharon Tafolla

Who Is Caring for the Caregivers? The Financial, Physical, and Mental Health Costs of Caregiving in California
Sean Tan, Sriya Kudaravalli, Kathryn G. Kietzman

UCLA CHPR WEBINARS THAT FEATURED CHIS DATA

Youth in Distress: Structural, Social Factors Related to Mental Health of California Adolescents: January 27, 2021
Imelda Padilla-Frausto

National Network of Health Surveys’ Advanced Weighting Strategies for Disaggregated Racial/Ethnic Data Workshop: January 29, 2021
Ninez A. Ponce, Tara Becker, Brian Wells

The Urban Spatial Structure and Pandemic Inequalities: February 17, 2021
Paul Ong

Nadereh Pourat

Who Is Caring? How Are They Faring? A Look at Family and Friend Caregivers in California: December 1, 2021
Kathryn Kietzman, Sean Tan
With timely and reliable data on the impact of the COVID-19 pandemic on the health of Californians, it’s no surprise that CHIS made major headlines in 2021.

"One model is the California Health Interview Survey (CHIS), launched in 2001 and conducted by UCLA’s Center for Health Policy Research. It ‘is the only population-based data that I trust,’ says Tung Nguyen, professor of medicine at University of California San Francisco. “Anything else I don’t bother reading.”"

—Bloomberg.com
The California Health Benefits Review Program (CHBRP), which provides the California State Legislature with independent analysis of the medical, financial, and public health impacts of proposed health insurance benefit mandates and repeals, used CHIS for part of the analysis or background for 19 bills in 2021. CHIS data was specifically cited in the estimates provided in the following CHBRP analyses:

**Assembly Bill 97 Insulin Affordability**: would prohibit a deductible from being applied to insulin prescriptions. Other cost sharing (copayments, coinsurance) would still be permitted.

**Senate Bill 473 Insulin Cost Sharing**: would limit cost sharing (copayments, coinsurance, and deductibles) for insulin to $50 for a 30-day supply and no more than $100 per month total, regardless of the amount or type of insulin prescribed.

**Senate Bill 523 Health Care Coverage: Contraceptives**: would require health plans and policies, including Medi-Cal managed care plans, to expand coverage for contraception to include all U.S. Food and Drug Administration (FDA)-approved contraceptives for men and women, male sterilization procedures, and certain clinical services. The bill also removes the requirement for a prescription to obtain coverage of FDA-approved over-the-counter (OTC) contraceptives.

**Assembly Bill 1400: Guaranteed Health Care for All**: would create the California Guaranteed Health Care for All program, or CalCare, to provide comprehensive universal single-payer health care coverage and a health care cost control system.

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"CHIS has been an important resource for CHBRP for many years, particularly since the Affordable Care Act was implemented in California. In order to project potential impacts of proposed legislation in California, CHBRP develops a comprehensive estimate of sources of health insurance for all Californians. This baseline population modeling relies heavily on CHIS. In addition, CHIS informed all 19 legislative analyses completed by CHBRP in 2021 either directly or indirectly.

Garen Corbett
Director, CHBRP"
A wide range of state and local governments, public health agencies, health advocates, universities, and students use CHIS data to inform their projects.

**GOVERNMENT AND AGENCY REPORTS THAT USE CHIS**

**Los Angeles County Department of Health Oral Health Program Report**
*Oral Health in Los Angeles County: Disease Burden and Prevention 2021*
Uses CHIS 2019 data

**City of Monrovia Focused General Plan**
*Environmental Justice: Existing Conditions Technical Memorandum*
Uses CHIS 2016 data and AskCHIS™ NE

**U.S. Office of Management and Budget (OMB) Report**
*Interagency Technical Working Group on Sexual Orientation and Gender Identity Items in the Household Pulse Survey: Report and Recommendations*

OMB convened an interagency technical working group to provide a consensus recommendation to OMB and the U.S. Census Bureau on how to measure sexual orientation and gender identity (SOGI) on the Census Bureau’s Household Pulse Survey (HPS). The report uses CHIS 2015, 2019, and 2021 data, and includes CHIS adult questionnaires on SOGI and related English and Spanish questionnaires and several CHIS publications on SOGI.

**Los Angeles County Department of Health Oral Health Program Report**
*Chartbook: The Oral Health of Los Angeles County’s Residents*
Uses CHIS 2019 data

**California Department of Public Health Maternal, Child and Adolescent Health Division/Center for Family Health**
*Maternal and Child Health Services Title V Block Grant California*
Uses CHIS 2018 data and references CHIS 2019/2020 data

**REPORTS BY NON-PROFIT ORGANIZATIONS, ADVOCATES, AND THINK TANKS THAT USE CHIS**

**January 2021**

**Public Policy Institute of California (PPIC) Report**
*Assessing Teen Well-Being and Mental Health after the Medi-Cal Expansion*
Uses CHIS 2011–2018 data

**Center for Neighborhood Knowledge Report**
*Assessing Vulnerability Indicators and Race/Ethnicity*
Uses CHIS 2020 preliminary estimates

**February 2021**

**Center for Neighborhood Knowledge Report**
*Vulnerability Indicators and At-Risk Smaller Populations in California and Los Angeles: American Indians, Pacific Islanders, and Select Asian Ethnic Groups*
Uses CHIS 2020 preliminary estimates
The Children's Partnership and the California Black Women's Health Project Fact Sheet
A Child Is a Child: A Snapshot of California’s Children’s Health
Uses CHIS 2019 data

March 2021

CHOICES Learning Collaborative Partnership Report
California: A Sugary Drink Excise Tax

California Health Care Foundation Report
Advancing Black Health Equity
Uses CHIS 2017 data on health insurance rates by race

May 2021

Public Policy Institute of California (PPIC) Fact Sheet
Immigrants and Health in California
Uses CHIS 2019 data

Alzheimer’s Association Special Report
2021 Alzheimer’s Disease Facts and Figures Special Report: Race, Ethnicity and Alzheimer’s in America
References CHIS 2015, 2016 data

June 2021

Public Policy Institute of California (PPIC) Report
Health Coverage and Care for Undocumented Immigrants in California – An Update
Uses CHIS 2015–2019 data and references a policy brief and fact sheet that use CHIS data

July 2021

California Health Care Foundation Reports
2021 Edition — Quality of Care: Children’s Health
2021 Edition — Quality of Care: Chronic Conditions
Uses CHIS 2019 data

August 2021

California Health Care Foundation Report
Medi-Cal Facts and Figures
Uses CHIS 2013, 2018–2019 data

September 2021

Williams Institute Report
Latinx LGBT Adults in the U.S.
Uses CHIS 2015–2019 data

October 2021

California Pan-Ethnic Health Network (CPEHN) Report
Nothing About Us Without Us

"State and local policymakers should require the collection and reporting of disaggregated sociodemographic data, including race, ethnicity, language, sexual orientation, gender identity, and disability status, especially at the neighborhood level. Where possible, agencies should model their approaches off of existing best practices for disaggregated data collection and reporting, such as the approach used by the California Health Interview Survey."
UCLA students Cameron Jewett and Hozumi Oshida used 2013–2014 CHIS data on diabetes and heart disease to examine the relationship between thermal inequity and public health in Historic South Central Los Angeles, where temperatures are higher than the citywide average. The team was co-winner of the UCLA 2021 Library Prize for Undergraduate Research.
Every three years, hospitals and local public health agencies conduct an assessment to identify the health needs of the communities they serve and then develop a formal planning process to prioritize those needs. More than 50 included CHIS data as a primary or secondary source.

- 2021 Oak Valley Hospital
- 2021 San Francisco Community Health Improvement Plan
- 2020 Solano Public Health
- 2020 San Bernardino County: Our Community Vital Signs Community Health Status Report
- 2020 Stanislaus County Health Services Agency
- 2020/2019 Providence hospitals (2020 for 5 hospitals in Northern California and 2019 for 10 hospitals in Southern California)
- 2020 Coachella Valley
- 2019–2020 Health Plan of San Joaquin
- 2019–2021 Kaiser Permanente Washington Region CHNA
- 2019–2021 County of San Diego Health and Human Services Agency/Live Well San Diego
- 2019 Ronald Reagan UCLA Medical Center
- 2019 Good Samaritan Hospital
- 2019 Adventist Health Glendale
- 2019 San Francisco Community Health Needs Assessment
- 2019 City of Long Beach Department of Health and Human Services
- 2019 Marin Heath
- 2019 City of Hope
- 2019 Cedars-Sinai
- 2019 Stanford Health Care
- 2019 UCI Health
- 2019 USC Verdugo Hills Hospital
- 2019 San Diego State University Institute for Public Health and Hospital Association of San Diego & Imperial Counties
- 2019 UCSF Benioff Children's Hospital
- 2019 John Muir Health
- 2019 Beverly Hospital
- 2019 El Camino Hospital
- 2019 Greater Pasadena
- 2019 Children's Hospital of Los Angeles
- 2019 Mammoth Hospital
- 2019 Valley Children's Healthcare (Fresno, Kern, Kings, Madera, Merced, Stanislaus, Tulare counties)
- 2019 Marshall Medical Center
- 2019 Eden Medical Center
- 2019 Adventist Health Ukiah Valley
- 2019 Adventist Health White Memorial
- 2019 Torrance Memorial
- 2019 Sharp HealthCare hospitals (6 hospitals in the San Diego area)
- 2019 Foothill Presbyterian Hospital
- 2019 Dignity Health Marian Regional Medical Center
- 2019 Dignity Health California Hospital Medical Center
- 2019 MemorialCare Medical Centers (4 medical centers in Southern California)
- 2019 Henry Mayo Newhall Hospital
- 2019 Kaiser Foundation Hospital: Downey Medical Center
California’s over-60 population is projected to diversify and to grow faster than other age groups. Recognizing this, California Governor Gavin Newsom issued an executive order calling for the creation of a Master Plan for Aging. The Master Plan for Aging is a 10-year blueprint for state government, local government, the private sector, and philanthropy to prepare the state for the coming demographic changes and continue California’s leadership in aging, disability, and equity.

The Master Plan for Aging draws heavily on available CHIS data to populate many of the demographic metrics they are including in their Data Dashboard on Aging. In addition to these demographic data, other select CHIS metrics (i.e., usual source of care, depression, community support, volunteering, and food insecurity) are also being featured.
From major conferences like American Association for Public Opinion Research (AAPOR), AcademyHealth, and American Public Health Association (APHA), to panels for the White House and U.S. House of Representatives’ Committee on Ways and Means, UCLA CHPR staff presented CHIS research at various events.


*Ethnic/Racial Data Disaggregation*
Ninez A. Ponce

**FilAM Health Forum on COVID-19 | January 13, 2021**

*Lost in the Frontlines, Lost in the Data, Lost in Policy Priorities*
Ninez A. Ponce

**Resource Center for Minority Aging Research (RCMAR) Center for Health Improvement of Minority Elderly (CHIME) Methodological Seminar | January 25, 2021**

*Recent Methodological Advances in the California Health Interview Survey*
Todd Hughes

**Natural History Museum of Los Angeles County’s First Fridays Connected | February 5, 2021**

*Solace in Science*
Ninez A. Ponce

**California Pan-Ethnic Health Network (CPEHN) Voices for Change: Revolutionizing Health Equity Conference | February 10, 2021**

*Understanding Health Equity*
Ninez A. Ponce

**Cisco World Social Justice Week | February 12, 2021**

*Power of Data Equity to Address Social Justice*
Ninez A. Ponce

**UCLA Jonsson Comprehensive Cancer Center (JCCC) Thursday Research Seminar Series | February 25, 2021**

*What Does "Race" Measure in Empirical Models?*
Ninez A. Ponce

**Mental Health Services Oversight & Accountability Commission (MHSOAC) Forum | March 17, 2021**

*California Health Interview Survey (CHIS): Measuring and Tracking Social Determinant of Mental Health Outcomes*
Ninez A. Ponce, D. Imelda Padilla-Frausto

**Identifying Research Opportunities for Asian American, Native Hawaiian, and Pacific Islander Health: A Virtual Trans-NIH Workshop | April 1, 2021**

*Approaches to Engage Asian Americans and NHPI Populations in Research*
Ninez A. Ponce
The Implications for COVID-19 Vaccine Equity in Not Disaggregating Data in Native Hawaiian and Pacific Islanders (AANHPis)
Ninez A. Ponce

The National Committee on Vital and Health Statistics, established by Congress to serve as the statutory public advisory body to the Secretary of Health and Human Services on health information policy, hosted a committee meeting with an expert panel on COVID-19 capacity, gaps, and quality in the collection of race/ethnicity data. UCLA CHPR Director Ninez A. Ponce, PhD, MPP, was invited to present on U.S. Asian and Native Hawaiian and Pacific Islander data equity and COVID-19. “Data disaggregation equals data equity,” said Ponce.

American Association for Public Opinion Research (AAPOR) 76th Annual Conference | May 11–14, 2021

CHIS had a major presence at the AAPOR conference, which focused on Data Collection, Measurement, and Public Opinion During a Pandemic. CHIS staff, in collaboration with SSRS, had 10 presentation at the conference.

What You See Is What You Get: Evaluating the Use of Visible Incentives in the California Health Interview Survey
Susan Sherr*, Brian Wells

Two Roads Diverged in a Wood, and I Oversampled the One Less Traveled by: Evaluating Stratification Methods for Targeting Hard-to-Reach Populations
Cameron McPhee*, James McKinstry*, Arina Goyle*, Brian Wells

The Impact of the COVID-19 Pandemic on Response to the California Health Interview Survey
Arina Goyle*, Margie Engle-Bauer*, YuChing Yang

Opportunity in a Time of Crisis: Adapting an Annual Health Survey to Produce Monthly COVID-19 Data
Todd Hughes, YuChing Yang, Jacob Rosalez, Arina Goyle*

Strategies to Increase Self-Response Among Non-English Speakers in an ABS Mail Push-to-Web Study
Todd Hughes, Royce Park, Brian Wells, Margie Engle-Bauer*
Innovative Methods to Increase Child Interviews in Push-to-Web Surveys  
Brian Wells, Royce Park

*The Confidentiality Gatekeeper: Strategies for Balancing Data Democratization and Respondent Data Security in a State Health Survey*  
Andrew Juhnke, Parneet Ghuman, Hin Wing Tse

You Can Only Watch So Much Netflix: How Response Rates to Mail Surveys Increased During the Pandemic  
Jordon Peugh*, Susan Sherr*, Royce Park

Understanding and Communicating the Impact of a Methodological Redesign on Key Health Survey Indicators  
Brian Wells, Todd Hughes, Ninez A. Ponce

Leveraging Census Planning Database Low Response Scores and Self-Response Rates to Increase Address-Based Sample Productivity  
Jonathan Best*, Luis Tipan*, Arifah Hasanbasri*, Todd Hughes

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**U.S. House of Representatives’ Committee on Ways and Means Equity Series Panel** | May 21, 2021

Measuring What We Value: Bridging Gaps in Data and Reporting on Race and Ethnicity (panel discussion)  
Ninez A. Ponce

**9th State of Asian Women’s Health Conference** | May 21, 2021

Simultaneously Victimized and Ignored: The Mental Health of Asian Women (keynote address)  
Ninez A. Ponce

**Healthy California for All Virtual Commission Meeting** | May 21, 2021

Overview of Analytic Findings  
Rick Kronick (UC San Diego); analysis by Gerald Kominski and Srikanth Kadiyala

**Virtual National Health Equity Summit** | June 7, 2021

Advancing Health Equity and Antiracism in Health Services Research (panel)  
Ninez A. Ponce
Asian American Elders in Need: Low Levels of Life Satisfaction and Social and Emotional Support  
Riti Shimkhada, Ninez A. Ponce

Assessing Vulnerability Indicators and Race/Ethnicity  
Ninez A. Ponce, Paul Ong, Vananh Tran, Richard Calvin Chang, Jacob Rosalez

Racial/Ethnic Disparities in Access to Mental Health Services Under the ACA  
Lyoung Hee Kim

Late-Breaking Session: Equity Considerations in COVID-19  
Ninez A. Ponce (discussant)

AcademyHealth Annual Research Meeting | June 14–17, 2021

AcademyHealth "Understanding and Eliminating Bias in HSR Methods: Approaches to Anti-Racist Research Design, Analysis, and Dissemination" Workshop | July 20, 2021

Pathways to Representation and Visibility: Equity and Efficiency in Data Systems  
Ninez A. Ponce

Korea Institute for International Economic Policy (KIEP) Presentation | July 26, 2021

U.S. Health Policy Towards ASEAN Regarding COVID-19  
Ninez A. Ponce

ABIM Foundation Panel Discussion: Reflection on Healthy Community Efforts | August 3, 2021

Ninez A. Ponce

U.S. Department of Health and Human Services’ Office of the Assistant Secretary for Planning and Evaluation Health Policy Visiting Scholars Series | June 23, 2021

Health Policy for Immigrant Populations — Generating Evidence from the California Health Interview Survey  
Ninez A. Ponce

All in Podcast: Data for Community Health | August 5, 2021

Ninez A. Ponce
17th Filipina Leadership Global Summit Health and Emotional Wellness Panel | September 27, 2021

*Kumare, okay ka ba? Are you okay, sis?*
Ninez A. Ponce

Robert Wood Johnson Foundation Webinar | October 19, 2021

*Charting a Course for an Equity-Centered Data System*
Ninez A. Ponce

149th Annual American Public Health Association (APHA) Meeting and Expo | October 21–26, 2021

CHIS research was presented by UCLA CHPR staff and faculty associates, as well as researchers from other institutions, at the annual APHA conference, the largest public health conference in the world.

*Unfair treatment and hate incidents experienced by Asian Americans, Native Hawaiians, and Pacific Islanders during the COVID-19 pandemic*
Vananh Tran, Riti Shimkhada, Ninez A. Ponce

*Disability index and unmet needs for long-term services and supports in California*
Lei Chen, Kathryn Kietzman, Steven P. Wallace

*Asian American elder adults report low levels social and emotional support and life satisfaction*
Riti Shimkhada, Ninez A. Ponce

*Exclusionary experiences of law enforcement and the avoidance of public benefits among immigrants in California*
Lei Chen, Maria-Elena Young, Kathryn Kietzman, Michael Rodriguez

Presentations by external organizations/researchers:

*Understanding demographics characteristics of e-cigarette users in California and the need for tailored interventions*

*Factors associated with help-seeking behaviors among persons with serious psychological distress (SPD)*

*Access points and behavioral health service utilization among diverse Californians*

*Examining differences in influenza vaccine uptake between Hispanic and Non-Hispanic adults in California*

*Data-driven approach to racism as a public health crisis: Identifying roots and quantifying impacts of inequities in San Diego County*

*Identifying gaps in healthcare for Asians with chronic diseases and potential opportunities for community health worker (CHW) engagement*
CHIS IN PRESENTATIONS

continued from previous page

Integrating health equity into regional transportation planning for the South Stockton Promise Zone

White House Filipino American History Month Event | October 28, 2021

CHIS Principal Investigator Ninez A. Ponce was invited to present at the White House Office of Public Engagement and White House Initiative on Asian Americans, Native Hawaiians, and Pacific Islanders’ Filipino American History Month event.

The event also featured Air Force Undersecretary Gina Ortiz Jones, San Antonio Mayor Ron Nirenberg, California Attorney General Rob Bonta, various Filipino American Biden-Harris appointees, and other community leaders in celebration of Filipino changemakers in the United States.

“When the data is available, to not just let it sit on a shelf, but to generate the insights on Filipinos and connecting these insights to informing policy so we can ultimately address the unmet need and advance the health and well-being of Filipino Americans,” said Ponce.

Our Center for Health Policy Research has provided technical assistance and examples for other federal, state, and local health surveys to follow the values that we have in California with CHIS.

—Ninez A. Ponce, PhD, MPP

UCLA Fielding School of Public Health HPM 225A: Health Services Research Design Guest Lecture | November 10, 2021

Surveys, Questionnaire Design, and a Sampling of Sampling

Todd Hughes

The Gerontological Society of America’s 2021 Annual Scientific Meeting | November 12–13, 2021

Disparities in Financial Strain for Older Adults and People with Disabilities in California

Lei Chen (paper was co-authored by Kathryn Kietzman)
CHIS data were featured in 250+ journal articles in 2021, which were published in national and international peer-reviewed journals, including:

- Health Affairs
- The Lancet
- BMC Public Health
- PLOS One
- American Journal of Public Health
- JMIR Public Health and Surveillance
- JAMA
- Journal of Racial and Ethnic Health Disparities
UCLA Center for Health Policy Research staff and faculty associates used CHIS data in their research published in peer-reviewed journals, books, and reports.

**JOURNAL ARTICLES**

**January 2021**

Population Research and Policy Review
The Critical Role of Racial/Ethnic Data Disaggregation for Health Equity
Tina J. Kauh, Jen’nan Ghazal Read, AJ Scheitler
Uses CHIS 2011–2014 data

Population Research and Policy Review
Data Disaggregation with American Indian/Alaska Native Population Data
Tara Becker, Susan H. Babey, Rashida Dorsey, Ninez A. Ponce
Uses pooled CHIS 2011–2014 data and references CHIS study

More than any other racial group, American Indians/Alaska Natives (AIANs) face the risk of imprecise survey estimates due to survey processes regarding the classification, tabulation, and weighting of race/ethnicity. Authors identified strategies to improve data capacity for AIANs in federal health surveys by exploring current approaches to collecting and coding of AIANs across eight population-based health surveys: seven federal surveys and the California Health Interview Survey.

**February 2021**

Journal of Racial and Ethnic Health Disparities
The Association between Moderate and Serious Mental Health Distress and General Health Services Utilization Among Chinese, Filipino, Japanese, Korean, and Vietnamese Adults in California
Joy J. Jiang, Alexander C. Adia, Jennifer Nazareno, Don Operario, Ninez A. Ponce, Theresa I. Shireman
Uses CHIS 2011–2018 data

Journal of Medical Internet Research
Understanding Mental Health App Use Among Community College Students: Web-Based Survey Study (Journal of Medical Internet Research)
Judith Borghouts, Dara H. Sorkin, et al
Uses CHIS 2019 survey questions

Journal of Racial and Ethnic Health Disparities
Asian, Latinx or Multiracial? Assessing Filipinx Americans’ Health Conditions and Outcomes by Aggregate Ethnic Category
Alexander C. Adia, Arjee J. Restar, Jennifer Nazareno, Jennifer Cayanan, Kamille A. Magante, Don Operario, Ninez A. Ponce
Uses CHIS 2011–2018 data

LGBT Health
Disparities in Health Care Access and Utilization at the Intersections of Urbanicity and Sexual Identity in California
Uses CHIS 2014–2017 data
March 2021

*Journal of Clinical and Translational Science*

The Impact of Asian American Perceived Discrimination on Health Utilization

Thomas Le, Gilbert Gee, Lorraine Dean, Hee-Soon Juon, Som Saha


*Department of Justice Journal*

American Indian and Alaska Native Knowledge and Public Health for the Primary Prevention of Missing or Murdered Indigenous Persons

Delight E. Satter, Ninez A. Ponce, et al

References CHIS and AskCHIS™

June 2021

*Medical Care*

The Affordable Care Act and Health Care Access and Utilization Among White, Asian, and Latino Immigrants in California

Jun Chu, Alexander N. Ortega, Sungchul Park, Arturo Vargas Bustamante, Dylan Roby


*JAMIR Public Health and Surveillance*

A Rapid Assessment of the Impact of COVID-19 on Asian Americans: Cross-sectional Survey Study

Thu Quach, Lan N. Doan, Julia Liou, Ninez A. Ponce

Uses CHIS 2020 preliminary estimates

July 2021

*Health Affairs*

Health Policy Challenges Posed by Shifting Demographics and Health Trends Among Immigrants to The United States

Arturo Vargas Bustamante, Jie Chen, Lucía Félix Beltrán, Alexander N. Ortega

Uses CHIS 2011–2018 data

*JAMA Health Forum*

U.S. Health Care Relies on Filipinxs While Ignoring Their Health Needs: Disguised Disparities and the COVID-19 Pandemic

Carlos Irwin A. Oronce, Alexandra C. Adia, Ninez A. Ponce

Uses CHIS 2011–2017 data

"Efforts to identify health disparities among Filipinxs often rely on data from the California Health Interview Survey because, to our knowledge, it is the only large-scale health survey in the U.S. that disaggregates Filipinx data and therefore allows robust analyses."

December 2021

*Journal of the American Board of Family Medicine*

Life Satisfaction and Social and Emotional Support Among Asian American Older Adults

Riti Shimkhada, Hin Wing Tse, Ninez A. Ponce

Uses CHIS 2018 data
The American Rescue Plan, a $1.9 trillion relief and recovery package passed in March, includes the first major federal improvements to the ACA since it was passed over 10 years ago. The ARP substantially increases premium subsidies for coverage purchased through health insurance exchanges like Covered California. Using the California Simulation of Insurance Markets (CalSIM) model, which includes CHIS data, authors project that these subsidies will help over 1.6 million Californians, including 151,000 individual market enrollees who will qualify for subsidies for the first time and 135,000 uninsured people who will become insured.
CHIS data were used prominently in more than 50 peer-reviewed journal articles by researchers from around the country and internationally.

**January 2021**

**Alcohol and Alcoholism**
*Intersections of Neighborhood Co-Ethnic Density and Nativity Status on Heavy Drinking in a General Population Sample of U.S. Latinos and Asians*
Christina C. Tam, Camillia K. Lui, Katherine J. Karriker-Jaffe
Uses CHIS 2011–2015 pooled data

**Nicotine and Tobacco Research**
*American Indian/Alaska Native Smokers’ Utilization of a Statewide Tobacco Quitline: Engagement and Quitting Behaviors from 2008 to 2018*
Brianna A. Lienemann, Sharon E. Cummins, Gary J. Tedeschi, Shiushing Wong, Shu-Hong Zhu
Uses CHIS 2009–2017 data

**International Journal of Environmental Research and Public Health**
*COVID-19 Medical Vulnerability Indicators: A Predictive, Local Data Model for Equity in Public Health Decision Making*
Paul M. Ong, et al
Uses CHIS 2015–2016 data

**February 2021**

**International Journal of Environmental Research and Public Health**
*Cross-Cultural Measurement Invariance of a Measure of Disability for White, Black, Hispanic and Asian Older Adults*
Keith T. Chan, Carl Algood, Andreana Prifti, Tarek Zidan
Uses CHIS 2012 data

**International Journal of Environmental Research and Public Health**
*Relationship Between Employment Type and Self-Rated Health Among Korean Immigrants in the U.S.: Focusing on Gender and Number of Years in the U.S.*
Sou Hyun Jang
Uses CHIS 2016 data

**JMIR Research Protocols**
*A Tailored Web- and Text-Based Intervention to Increase Physical Activity for Latino Men: Protocol for a Randomized Controlled Feasibility Trial*
Kim M. Gan, et al
Uses CHIS 2013–2014 data
JAMA Network Open
Effect of a Coordinated Community and Chronic Care Model Team Intervention vs. Usual Care on Systolic Blood Pressure in Patients with Stroke or Transient Ischemic Attack: The SUCCEED Randomized Clinical Trial
Amytis Towfighi, et al
Uses CHIS 2011–2012 data

Journal of Smoking Cessation
Determining Optimal Cutoffs for Exhaled Carbon Monoxide and Salivary Cotinine to Identify Smokers among Korean Americans in a Smoking Cessation Clinical Trial
Sun S. Kim, Seongho Kim, Philimon N. Gona
Uses CHIS 2015–2018 data

Preventing Chronic Disease
Matthew M. Lee, Emily Altman, Kristine A. Madsen
Uses CHIS 2011–2018 data

Journal of Cancer Education
Awareness of and Support for HPV Vaccination Among Pacific Islander Women in Southern California
Michele Mouttapa, Melissa Cunningham, Sora Park Tanjasiri
Uses CHIS 2005 and 2007 data

Journal of Clinical Child & Adolescent Psychology
Body Mass Indices of Girls with and without ADHD: Developmental Trajectories from Childhood to Adulthood
Patricia A. Porter, Laura N. Henry, Ashley Halkett, Stephen P. Hinshaw
Uses CHIS 2001–2012 data

Gerontology and Geriatric Medicine
A Study of Leisure Walking Intensity Levels on Mental Health and Health Perception of Older Adults
Areum Han, Junhyoung Kim, Jaehyun Kim
Uses CHIS 2017 data

March 2021

Health Affairs
Disparities in Telehealth Use Among California Patients With Limited English Proficiency
Uses CHIS 2015–2018 data
March 2021 (continued)

**BMC Public Health**
Disparities in Influenza Vaccination: Arab Americans in California
Rose-Marie Jungquist, Nadia N. Abuelezam
Uses CHIS 2004–2016 data

**American Journal of Preventive Medicine**
Evaluation of the Asian Smokers’ Quitline: A Centralized Service for a Dispersed Population
Caroline Chen, Christopher M. Anderson, Stephen D. Babb, Randi Frank, Shiushing Wong, Nicole M. Kuiper, Shu-Hong Zhu
Uses CHIS 2014 data

**Health & Place**
Green Mobility and Obesity Risk: A Longitudinal Analysis in California
Samantha Gailey, Sara McElroy, Tarik Benmarhnia, Tim A. Bruckner
Uses CHIS 2009 data

**Pediatrics**
Adolescent Engagement: Challenges of Safety and Mental Health
Brittany Luu, Tenisha Janisse, Kaitlyn Forde, Senait Teklehaimanot, Dulcie Kerma, Noe Chavez
Uses CHIS 2009 data

**American Behavioral Scientist**
Paths to Mobility: A Longitudinal Evaluation of Earnings Among Latino/a DACA Recipients in California
Caitlin Patler, Jo Mhairi Hale, Erin Hamilton
Survey data collection used questions from CHIS

**Journal of Immigrant and Minority Health**
Recasting the Immigrant Health Paradox Through Intersections of Legal Status and Race
Adrian Matias Bacon, Cecilia Menjivar
Uses CHIS 2015–2016 data

**American Journal of Preventive Medicine**
Inequity in California’s Smokefree Workplace Laws: A Legal Epidemiological Analysis of Loophole Closures
Judith J. Prochaska, Maya Hazarika Watts, Leslie Zellers, Darlene Huang, Eric Jay Daza, Joseph Rigdon, Melissa J. Peters, Lisa Henriksen
Uses CHIS 2014 data
## April 2021

**Journal of General Internal Medicine**
Unmet Mental Health Need Among Chinese and Latino Primary Care Patients: Intersection of Ethnicity, Gender, and English Proficiency
Maria E. Garcia, Ladson Hinton, Steven E. Gregorich, Jennifer Livaudais-Toman, Celia Kaplan, Leah Karliner
Uses CHIS 2013–2014 data

**Socius: Sociological Research for a Dynamic World**
Civic Engagement, Legal Status, and the Context of Reception: Participation in Voluntary Associations Among Undocumented Immigrants in California
Kevin Beck, Karina Shklyan
Uses CHIS 2015–2016 data

**Journal of Racial and Ethnic Health Disparities**
Acculturation and Hypertension Diagnoses Among Hispanics in California
Russell K. McIntire, Lia Scalzo, Cierrah Doran, Katie Bucher, Hee-Soon Juon
Uses CHIS 2014 data

**TMR Journals**
Prevalence of Influenza Vaccination Coverage Amongst the First and Third Generation Asian Adults in California, United States of America
Rabia Ali Khan, Jo Brown, Dono Widiatmoko
Uses CHIS 2016 data

## May 2021

**JAMA Pediatrics**
Adolescents’ Substance Use and Physical Activity Before and During the COVID-19 Pandemic
Benjamin W. Chaffee, Jing Cheng, Elizabeth T. Couch, et al
References CHIS 2020 Preliminary COVID-19 estimates

**Cancer Epidemiology, Biomarkers & Prevention**
Integrating Electronic Health Record, Cancer Registry, and Geospatial Data to Study Lung Cancer in Asian American, Native Hawaiian, and Pacific Islander Ethnic Groups
Mindy C. DeRouen, et al

**Cancer Epidemiology, Biomarkers & Prevention**
Cancer Mortality Disparities Among Asian American and Native Hawaiian/Pacific Islander Populations in California
Heidy N. Medina, Karen E. Callahan, Cyllene R. Morris, Caroline A. Thompson, Adugna Siweya and Paulo S. Pinheiro
Uses CHIS 2012 data
Global Health Research and Policy
Socio-Demographics and Asthma Prevalence, Management, and Outcomes Among Children 1–11 Years of Age in California
Jim E. Banta, Majed Ramadan, Noara Alhusseini, Khaled Aloraini, Naomi Modeste
Uses CHIS 2001–2015 data

Journal of Military, Veteran and Family Health
The Prevalence Rate of Smoking Among Veterans: A Forgotten Epidemic
Salome K. Mshigeni, Champagne Moore, Nicole L. Arkadie
Uses CHIS 2017 data

Journal of Clinical Oncology
Yannan Li, Hui Xie, Nicholas Theodoropoulos, Qian Wang
Uses CHIS 2015–2016 data

Journal of Immigrant and Minority Health
Association Between Limited English Proficiency and Healthcare Access and Utilization in California
Reeti K. Gulati, Kevin Hur
Uses CHIS 2018 data

American Journal of Health Education
Understanding Demographics Characteristics of E-Cigarette Users in California and the Need for Tailored Interventions
Salome K. Mshigeni, Annie Rittenhouse, Tendai Gwanzura, Rebecca Arroyoa, Caitlin Vaughn
Uses CHIS 2018 data

Current Developments in Nutrition
The Health and Housing Study: Nutrition-Related Outcomes Among Low- to Moderate-Income Individuals Living in or Seeking to Live in New Subsidized Chinatown-Based Housing
Ana Maafs-Rodríguez, Jennifer Pustz, Mehreen Ismail, Laurie Goldman, Peter Levine, Angie Liou, Virginia Chomitz
Used health behavior questions based on CHIS

Journal of Homosexuality
Smoking-Attributable Doctor Visits and Emergency Room Utilization and Costs by California’s Lesbian, Gay, and Bisexual Community
Wendy Max, Brad Stark, Hai-Yen Sung, Naphtali Offen
Uses CHIS 2005–2014 data
July 2021

**Journal of Health Psychology**

*Food Insecurity Is Associated with Serious Psychological Distress Among Low-Income California Adults*

Colleen Joseph, Christina Feiner, Cindy W. Leung
Uses CHIS 2017 data

**Journal of Immigrant and Minority Health**

*Mistreatment in Medical Care and Psychological Distress Among Asian Americans*

Shan Mohammed Siddiqui
Uses CHIS 2015–2017 data

**Journal of Adolescent Health**

*Delivering Anticipatory Guidance About Technology Use to Adolescents in Primary Care: Rates in a Representative California Sample*

Allison Giovaneli, Sally H. Adams, M. Jane Park, Elizabeth M. Ozer
Uses CHIS 2017–2018 data

**American Journal of Public Health**

*Identifying Disparities in Health Outcomes and Mortality for American Indian and Alaska Native Populations Using Tribally Disaggregated Vital Statistics and Health Survey Data*

Desi Small-Rodriguez, Randall Akee
Uses CHIS 2017–2018 data

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**Aging & Mental Health**

*The Influence of Perceived Discrimination in Healthcare Settings on Psychological Distress Among a Diverse Sample of Older Asian Americans*

Chien-Ching Li, Alicia K Matthews, Pei-Shan Yen, Yi-Fan Chen, XinQi Dong
Uses CHIS 2015–2017 data

**Journal of Immigrant and Minority Health**

*Behavioral Health Services Use Among Racial and Ethnic Groups: Results from the California Health Interview Survey (CHIS)*

Carolina Villamil Grest, Elizabeth Siantz, Julie Cederbaum
Uses pooled CHIS 2015–2016 data
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**SSM – Population Health**  
*Selection, Experience, and Disadvantage: Examining Sources of Health Inequalities Among Naturalized U.S. Citizens*  
Heeju Sohn, Adrian Matias Bacon  
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**Health Education & Behavior**  
*Impact of Local Flavored Tobacco Sales Restrictions on Policy-Related Attitudes and Tobacco Product Access*  
Ashley L. Feld, et al  
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**BMC Public Health**  
*Ethnic Group Differences in Obesity in Asian Americans in California, 2013-2014*  
Shaoqing Gong, Kesheng Wang, Ying Li, Zhongliang Zhou, Arsham Alamian  
 Uses CHIS 2013–2014 data

**Cureus**  
*Capturing the Experiences and Challenges of Emerging Adults in College During the COVID-19 Pandemic*  
Emily Hotez, et al  
Uses CHIS 2020 data

## September 2021

**Asian Journal of Psychiatry**  
*Intimate Partner Violence and Its Relationship with Psychological Distress Among Older Asian Americans: Results from the California Health Interview Survey*  
Chien-Ching Li, Alicia K. Matthews, Pei-Shan Yen, Yi-Fan Chen, XinQi Dong  
Uses CHIS 2007–2009 data

**Medical Care**  
*Commentary on the Affordable Care Act and Health Care Access and Utilization Among White, Asian, and Latino Immigrants in California*  
Chenoa D. Allen, Krista M. Perreira  
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**Stigma and Health**  
*When Sexual Identity and Sexual Behaviors Do Not Align: The Prevalence of Discordance and Its Physical and Psychological Health Correlates*  
David M. Mendelsohn, Allen M. Omoto, Karen Tannenbaum, Christopher S. Lamb  
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**Preventive Medicine Reports**
Disparities in Self-Management Outcomes by Limited English Proficiency Among Adults with Heart Disease
Phuong Nguyen, Melody K. Schiaffina, Brandy J. Lipton
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**Transport Policy**
Quantifying the Health Benefits of Transit-Oriented Development: Creation and Application of the San Diego Public Health Assessment Model (SD-PHAM)
Lawrence D. Frank, Eric H. Fox, Jared M. Ulmer, James E. Chapman, Lindsay M. Braun
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**AIDS Education and Prevention**
Informing California’s Plan to Enhance HIV Screening in the Ending the HIV Epidemic Initiative
Arleen Leibowitz, Diane Tan
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October 2021

**Journals of Gerontology Series B: Psychological Sciences and Social Sciences**
Annie Ro, Jennifer Van Hook, Katrina M. Walsemann
Uses CHIS 2003–2014 data

**Social Sciences and Humanities Open**
Differences in Diabetes Risk Factors Among Asian Americans
Patty Kwan, Jonathan Watts, Jamie Michelle Prudencio, Lawrence Chu, Danielle Erika Co, Edith Chen
Uses pooled CHIS 2007–2016 data

December 2021

**Preventive Medicine Reports**
Understanding Health Disparities Affecting Utilization of Tobacco Treatment in Low-Income Patients in an Urban Health Center in Southern California
Jie Liu, et al
Uses CHIS 2018 data
More than 200 articles that appeared in peer-reviewed journals referenced or cited studies that use CHIS data.

**January 2021**

**Social Science and Medicine**
- The Impact of Neighbourhood Crime on Mental Health: A Systematic Review and Meta-Analysis
  References study that uses CHIS 2011–2014

**Community Mental Health Journal**
- The Relationship Between Acculturative Stress and Postmigration Mental Health in Iraqi Refugee Women Resettled in San Diego, California
  References study that uses CHIS 2001

**American Journal of Health Promotion**
- Differences Between Races in Health Information Seeking and Trust Over Time: Evidence From a Cross-Sectional, Pooled Analyses of HINTS Data
  References study that uses CHIS 2011–2012

**American Journal of Preventive Medicine**
- Advancing Cancer Control in San Francisco: Cancer Screening in Under-represented Populations
  References study that uses CHIS 2011–2012

**International Journal of Environmental Research and Public Health**
- A Comparison of Weight-Related Behaviors of Hispanic Mothers and Children by Acculturation Level
  References study that uses CHIS 2007

**Child & Adolescent Psychiatric Clinics**
- Normal Sleep in Children and Adolescence
  References study that uses CHIS 2017

**Psychology of Violence**
- Sexual Violence, Stalking, and Intimate Partner Violence by Sexual Orientation, United States
  References study that uses CHIS 2007–2008

**Journal of Public Health Management & Practice**
- Generating Subcounty Health Data Products: Methods and Recommendations from a Multistate Pilot Initiative
  References AskCHIS™ Neighborhood Edition

**Diabetes Care**
- Social Determinants of Health and Diabetes: A Scientific Review
  References study that uses CHIS 2007
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**Journal of Immigrant and Minority Health**  
*Early Life Exposure to Food Insecurity Is Associated with Changes in BMI During Childhood Among Latinos from CHAMACOS*  
References study that uses CHIS 2011–2012

**Journal of Epidemiology and Community Health**  
*Social Inequality and the Syndemic of Chronic Disease and COVID-19: County-Level Analysis in the USA*  

**PLOS One**  
*Building a Population Representative Pediatric Biobank: Lessons Learned from the Greater Cincinnati Childhood Cohort*  
References study that uses CHIS 2015–2016

**BMC Psychology**  
*Anxiety Among Dental Professionals and Its Association with Their Dependency on Social Media for Health Information: Insights from the COVID-19 Pandemic*  
References study that uses CHIS 2015–2016

**Sexuality Research and Social Policy**  
*Loneliness, Social Support, and Adjustment to Aging in Older Portuguese Gay Men*  
References study that uses CHIS 2003–2007

**NPJ Digital Medicine**  
*Internet Search Patterns Reveal Clinical Course of COVID-19 Disease Progression and Pandemic Spread Across 32 Countries*  
References study that uses CHIS 2015–2016

**Journal of Racial and Ethnic Health Disparities**  
*Differences in Health Characteristics of Geographic Subgroups of Arab Americans in a Northern California Health Plan*  
References study that uses CHIS 2003–2017
January 2021 (continued)

Frontiers in Communication
Community Perspectives on Communicating About Precision Medicine in an Alaska Native Tribal Health Care System
References CHIS 2001

California Journal of Politics and Policy
Impacts of the Affordable Care Act Medicaid Expansion in California
References study that uses CHIS 2015

February 2021

Journal of Applied Gerontology
Relationship Between Multiple Measures of Financial Hardship and Glycemic Control in Older Adults with Diabetes
References study that uses CHIS 2007

Contemporary Clinical Trials
Methods and Rationale to Assess the Efficacy of a Parenting Intervention Targeting Diet Improvement and Substance Use Prevention Among Latinx Adolescents
References study that uses CHIS 2005

Health Equity
Incorporating Measures of Structural Racism into Population Studies of Reproductive Health in the United States: A Narrative Review
CHIS referenced

Journal of Behavioral Medicine
Sex, Race, and the Role of Relationships in Diabetes Health: Intersectionality Matters
References study that uses CHIS 2009

Journal of Economic Behavior & Organization
Immigration Policy and Immigrants’ Sleep. Evidence from DACA
References study that uses CHIS 2003–2015

Social Science & Medicine
“We go to Tijuana to double check everything”: The Contemporaneous Use of Health Services in the U.S. and Mexico by Mexican Immigrants in a Border Region
References study that uses CHIS 2003
### CHIS JOURNAL ARTICLES

#### February 2021 (continued)

**Gut**
*Risk Stratification for Colorectal Cancer in Individuals with Subtypes of Serrated Polyps*
References study that uses CHIS 2011

**Frontiers in Medicine**
*Association Between Serum Lipid Levels and Patients With Primary Angle-Closure Glaucoma in China: A Cross Sectional, Case-Control Study*
References study that uses CHIS 2009

**PLoS One**
*Comparing Immigration Status and Health Patterns Between Latinos and Asians: Evidence from the Survey of Income and Program Participation*
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**Drug and Alcohol Dependence**
*The Relationship of Smoking and Unhealthy Alcohol Use to the HIV Care Continuum Among People with HIV in an Integrated Health Care System*
References study that uses CHIS 2011–2012

**Journal of Medical Internet Research**
*Overcoming the Digital Divide in the Post–COVID-19 “Reset”: Enhancing Group Virtual Visits with Community Health Workers*
References study that uses CHIS 2015–2016

**Journal of Primary Care and Community Health**
*Fruit and Vegetable Consumption Behavior Among Asian Americans: A Thematic Analysis*
References study that uses CHIS 2011–2012

**Journal of Medical Internet Research**
*National-Level Disparities in Internet Access Among Low-Income and Black and Hispanic Youth: Current Population Survey*
References study that uses CHIS 2015–2016

**BMJ Open**
*Are Adverse Childhood Experiences Associated with Late-Life Cognitive Performance Across Racial/Ethnic Groups: Results from the Kaiser Healthy Aging and Diverse Life Experiences Study Baseline*
References study that uses CHIS 2009
February 2021 (continued)

**Disease Markers**
*Next Generation Exome Sequencing of Pediatric Asthma Identifies Rare and Novel Variants in Candidate Genes*
References study that uses CHIS 2001

**Health Behavior and Policy Review**
*Volunteerism and Cardiovascular Health: The HCHS/SOL Sociocultural Ancillary Study*
References study that uses CHIS 2011–2012

**Substance Abuse Treatment, Prevention, and Policy**
*Changes in Cannabis Use, Exposure, and Health Perceptions Following Legalization of Adult Recreational Cannabis Use in California: A Prospective Observational Study*
References CHIS 2018 data accessed via AskCHIS™

**Health Promotion International**
*Use of Korean Dramas to Facilitate Precision Mental Health Understanding and Discussion for Asian Americans*
References study that uses CHIS 2011–2012

**Transgender Health**
*Differential Risks for Suicidality and Mental Health Symptoms Among Transgender, Nonbinary, and Cisgender Sexual Minority Youth Accessing Crisis Services*
Uses CHIS 2015–2016 data and references study that uses CHIS 2015–2016

**Community Mental Health Journal**
*Ethnicity and Self-reported Depression Among Hispanic Immigrants in the U.S.*
References study that uses CHIS 2001

**Obesity Science and Practice**
*Changes in Diet and Food Shopping Behaviors Among Asian-American Adults Due to COVID-19*

**Journal of Applied Gerontology**
*How Far Is Inclusivity of Financial Services Associated with Food Insecurity in Later Life? Implications for Health Policy and Sustainable Development Goals*
References study that uses CHIS 2007
Medical Care
Is Greater Acculturation Associated with an Increased Prevalence of Cardiovascular Risk Factors Among Latinos in South Florida?
References study that uses CHIS 2003

Mindfulness
mHealth Mindfulness Intervention for Women with Moderate-to-Moderately-Severe Antenatal Depressive Symptoms: A Pilot Study Within an Integrated Health Care System
References studies that use CHIS 2007 and 2011–2012

Nursing
Breast Cancer and Gynecologic Risks in Lesbian and Bisexual Women
References study that uses CHIS 2007–2009

Epilepsy & Behavior
Who Is Willing to Participate in Research? A Screening Model for an Anxiety and Depression Trial in the Epilepsy Clinic
References study that uses CHIS 2005

Addictive Behaviors
Smoking Cessation Treatment for Individuals with Comorbid Diabetes and Serious Mental Illness in an Integrated Health Care Delivery System
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Cells
Disparities in Early-Onset Colorectal Cancer
References study that uses CHIS 2005

Journal of Community Health Nursing
A Pilot Study to Promote Active Living Among Physically Inactive Korean American Women
References study that uses CHIS 200
## March 2021 (continued)

**Journal of Immigrant and Minority Health**  
Factors Influencing Mammography Uptake Following a Screening Intervention among Asian American Women: A Systematic Review  
References study that uses CHIS 2009

**LGBT Health**  
A Meta-Analysis of Blood Pressure Disparities Among Sexual Minority Men  

**Field Methods**  
Choices Matter: How Response Options for Survey Questions about Sexual Identity Affect Population Estimates of Its Association with Alcohol, Tobacco, and Other Drug Use  
References study that uses CHIS 2003–2011

**American Journal of Men's Health**  
Misreporting Weight and Height Among Mexican and Puerto Rican Men  
References study that uses CHIS 2001

**BMJ Open**  
Epidemiology and Risk Factors for Diabetes in the Suburbs of Beijing: A Retrospective Cohort Study  
References study that uses CHIS 2005

## April 2021

**Demography**  
Does Sexual Orientation Complicate the Relationship Between Marital Status and Gender With Self-rated Health and Cardiovascular Disease?  
References study that uses CHIS 2009–2013

**Epilepsy & Behavior**  
Cardiovascular Disease Risk, Awareness, and Treatment in People with Epilepsy  
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**Journal of Immigrant and Minority Health**  
Factors Associated with Reported Colorectal Cancer Screening Among Lao-American Immigrants in Minnesota  
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**Journal of the Formosan Medical Association**  
Poor Mental Health Among Taiwanese People Experiencing the Public Debates On and Referendums for Same-Sex Marriage: A Facebook Online Survey  
References study that uses CHIS 2009

**Disability and Health Journal**  
A Survey of Internal and Family Medicine Residents: Assessment of Disability-Specific Education and Knowledge  
References study that uses CHIS 2001
AIDS
Comparison of Dementia Risk After Age 50 Between Individuals with and without HIV Infection
References study that uses CHIS 2017–2018

European Geriatric Medicine
Association Between Body Mass Index and Falls in Community-Dwelling Men and Women: A Prospective, Multinational Study in the Survey of Health, Ageing and Retirement in Europe (SHARE)
References study that uses CHIS 2011–2012

Journal of Interpersonal Violence
Asking the Right Questions: Screening Men for Partner Violence
References study that uses CHIS 2007

Journal of Medical Internet Research
Evolution of Online Health-Related Information Seeking in France from 2010 to 2017: Results from Nationally Representative Surveys
References one study that uses CHIS 2011–2012 and another that uses CHIS 2015–2016

Revista Brasileira de Epidemiologia (Brazilian Journal of Epidemiology)
Fruit and Vegetable Consumption, Leisure-Time Physical Activity and Binge Drinking in Belo Horizonte, Brazil, According to the Health Vulnerability Index
References study that uses CHIS 2001

Revista Brasileira de Epidemiologia (Brazilian Journal of Epidemiology)
Estimates of Hypertension and Diabetes Mellitus Prevalence According to Health Vulnerability Index in Belo Horizonte, MG, Brazil
References study that uses CHIS 2001

Revista Brasileira de Epidemiologia (Brazilian Journal of Epidemiology)
External Validation of the Estimate of Prevalence of Smokers in Small Areas by Vigitel, in Belo Horizonte, Minas Gerais, Brazil
References study that uses CHIS 2001
April 2021 (continued)

Population Research and Policy Review
Same-Sex, Same Health? Health Concordance Among Same-Sex and Different-Sex Couples
References study that uses CHIS 2009

Health Equity
Primary Care Physician Recognition and Documentation of Depressive Symptoms Among Chinese and Latinx Patients During Routine Visits: A Cross-Sectional Study
References CHIS 2018 question on perceived mental health

Patient Education and Counseling
Decision Support Needs for Shared Clinical Decision-Making Regarding HPV Vaccination Among Adults 27–45 Years of Age
References study that uses CHIS 2007

Journal of Racial and Ethnic Health Disparities
Disaggregating Asian American Cigarette and Alternative Tobacco Product Use: Results from the National Health Interview Survey (NHIS) 2006–2018
References study that uses CHIS 2001

Addictive Behaviors
Gender and Past Year Serious Psychological Distress Are Associated with Past Year AUD: Time-Varying Results from the National Survey on Drug Use and Health
References study that uses CHIS 2007–2012

Population Health Metrics
The Utility of Self-Rated Health in Population Surveys: The Role of Bodyweight
References study that uses CHIS 2007

Prevention Science
Using Machine Learning to Predict Young People’s Internet Health and Social Service Information Seeking
References study that uses 2011–2012

Journal of Cancer Survivorship
Racial/Ethnic Disparities in Use of Surveillance Mammogram Among Breast Cancer Survivors: A Systematic Review
References study that uses CHIS 2001–2003

May 2021

Female Pelvic Medicine & Reconstructive Surgery
Does Obtaining a Diagnosis of Interstitial Cystitis/Bladder Pain Syndrome Improve Symptoms or Quality of Life? A Cross-Sectional Questionnaire-Based Study
References study that uses CHIS 2015–2016
May 2021 (continued)

**BMC Public Health**
Lifecourse Socioeconomic Changes and Late-Life Cognition in a Cohort of U.S.-Born and U.S. Immigrants: Findings from the KHANDLE Study
References study that uses CHIS 2009

**PLOS One**
Perceived Psychosocial Impacts of Legalized Same-Sex Marriage: A Scoping Review of Sexual Minority Adults’ Experiences
References study that uses CHIS 2009–2013

**Population Research and Policy Review**
Comparing the Effectiveness of Assignment Strategies for Estimating Likely Undocumented Status in Secondary Data Sources for Latino and Asian Immigrants
References study that uses CHIS 2001

**Journal of Immigrant and Minority Health**
Somatic, Anxiety, and Depressive (SAD) Symptoms in Young Adult Latinx Immigrants: Prevalence and Predictors
References study that uses CHIS 2015–2016

**Scientific Reports**
Trends in the Prevalence of Adult Overweight and Obesity in Australia, and Its Association with Geographic Remoteness
References study that uses CHIS 2013–2014

**Epilepsy Research**
Feasibility of Implantable Iron Oxide Nanoparticles in Detecting Brain Activity-Proof of Concept in a Rat Model
References study that uses CHIS 2003

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**Familial Cancer**
Improving Primary Care Identification of Familial Breast Cancer Risk Using Proactive Invitation and Decision Support
References study that uses CHIS 2005

**Translational Andrology and Urology**
A Systematic Review of Decision Aids for Gender Affirming Therapy
References study that uses CHIS 2015–2016

**Journal of Pediatric and Adolescent Gynecology**
Subdermal Contraception Implant Insertion Trends and Retention in Adolescents
References study that uses CHIS 2011–2012

**Journal of Racial and Ethnic Health Disparities**
Racial Discrimination and Health-Related Quality of Life: An Examination Among Asian American Immigrants
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**Journal of Cancer Education**
The Influence of Asian Subgroup and Acculturation on Colorectal Cancer Screening Knowledge and Attitudes Among Chinese and Korean Americans
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**Urology**
- Vasectomy Reversal Online Marketing Practices: What Are We Putting Out There?
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**Epilepsia**
- Understanding Cardiovascular Disease in Older Adults with Epilepsy
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**Telemedicine and e-Health**
- Patient-Level Factors Associated with Utilization of Telemedicine Services from a Free Clinic During COVID-19
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**Community Mental Health Journal**
- Factors Related to Immigrant/Nonimmigrant Children’s Experience of Being Bullied: An Analysis Using the Multiple Disadvantage Model
  References study that uses CHIS 2007–2012

**News Solutions: A Journal of Environmental and Occupational Health Policy**
  References several studies that use CHIS 2001, 2003, 2005

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**Neuropsychopharmacology**
- Effectiveness of Spironolactone Dispensation in Reducing Weekly Alcohol Use: A Retrospective High-Dimensional Propensity Score-Matched Cohort Study
  References study that uses CHIS 2011

**The Journal of Rural Health**
- Associations of Tobacco Use and Consumption with Rurality Among Patients with Psychiatric Disorders: Does Smoke-Free Policy Matter?
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**Tobacco Control**
- Menthol Cigarettes in Black Neighbourhoods: Still Cheaper After All These Years
  References CHIS 2017, 2018

**PLOS One**
- Experience and Lessons Learned from Multi-Modal Internet-Based Recruitment of U.S. Vietnamese into Research
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**Health Education and Behavior**
- The Association Between Fatalism and Mammography Use in Korean American Immigrant Women
  References study that uses CHIS 2015–2016
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**Population Health Management**
*Prevalence of Unmet Basic Needs and Association with Diabetes Control and Care Utilization Among Insured Persons with Diabetes*
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**Sexuality Research and Social Policy**
*Attachment and Relationship Satisfaction Among Gay Men: The Mediating Role of Well-Being*
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**Cancer Epidemiology**
*Exploring the Influence of Rural Residence on Uptake of Organized Cancer Screening – A Systematic Review of International Literature*
References study that uses CHIS 2003, 2005

**Cancer**
*Self-Assessment of Health Status Among Lesbian, Gay, and Bisexual Cancer Survivors in the United States*
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**Epilepsia**
*Epilepsy Care During the COVID-19 Pandemic*
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**JAMA Network Open**
*Characterization of HIV Preexposure Prophylaxis Use Behaviors and HIV Incidence Among U.S. Adults in an Integrated Health Care System*
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**Antibiotics**
*Antibiotics Use and Its Knowledge in the Community: A Mobile Phone Survey during the COVID-19 Pandemic in Bangladesh*
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**Epilepsy & Behavior**
*Employment and Occupational Safety Among Patients with Seizure Disorders — Findings from a Tertiary Hospital in Saudi Arabia*
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*Lifestyle-Related Education and Counseling Resource Utilization and Cardiovascular Biomarkers in Midlife Women with Low Physical Activity*
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BMC Infectious Diseases
Moderating Effect of Self-Efficacy on the Association of Intimate Partner Violence with Risky Sexual Behaviors Among Men Who Have Sex with Men in China
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Marital Status Differences in Suicidality Among Transgender People
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Ethnicity and Health
Acculturation and Leisure-Time Physical Activity Among Asian American Adults in the United States
References study that uses CHIS 2007

JMIR Mental Health
Associations Between Social Media, Bedtime Technology Use Rules, and Daytime Sleepiness Among Adolescents: Cross-sectional Findings from a Nationally Representative Sample
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International Journal of Environmental Research and Public Health
What Are the Relationships Between Psychosocial Community Characteristics and Dietary Behaviors in a Racially/Ethnically Diverse Urban Population in Los Angeles County?
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Journal of Community Health
Impact of the COVID-19 Pandemic & Telehealth Implementation in a Student Run Free Clinic
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International Journal of Environmental Research and Public Health
Prenatal Exposure to Acetaminophen and Childhood Asthmatic Symptoms in a Population-Based Cohort in Los Angeles, California
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Drug and Alcohol Dependence
Treatment for Alcohol Use Disorder Among Persons with and without HIV in a Clinical Care Setting in the United States
References study that uses CHIS 2017–2018

Cancer Epidemiology, Biomarkers & Prevention
Cancer in People with and without Hepatitis C Virus Infection: Comparison of Risk Before and After Introduction of Direct-Acting Antivirals
References study that uses CHIS 2017–2018
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**Environmental Health and Preventive Medicine**
*Differences of Body Composition and Physical Strength Among Japanese and Thai Older Adults Living in Chiang Mai, Thailand: An Inter-Ethnic Cross-Sectional Study*
References study that uses CHIS 2001–2012

### October 2021

**American Psychologist**
*Overcoming Constraints of the Model Minority Stereotype to Advance Asian American Health*
Referenced study that uses CHIS 2007

**Journal of Women’s Health**
*Racial and Ethnic Disparities in Health-Related Socioeconomic Risks During the Early COVID-19 Pandemic: A National Survey of U.S. Women*

**Urology**
*Increased Nephrolithiasis Prevalence in People with Disabilities: A National Health and Nutrition Survey Analysis*
References study that uses CHIS 2001

**Telemedicine Journal and e-Health**
*Increasing Access to Care for Transgender/Gender Diverse Youth Using Telehealth: A Quality Improvement Project*
References study that uses CHIS 2015–2016

### November 2021

**American Journal of Preventive Medicine**
*Impact of the Affordable Care Act on Colorectal Cancer Incidence and Mortality*
References study that uses CHIS 2011

### December 2021

**SSM – Population Health**
*Can Digital Health Technologies Exacerbate the Health Gap? A Clustering Analysis of Mothers’ Opinions Toward Digitizing the Maternal and Child Health Handbook*
References study that uses CHIS 2015–2016
One of the Center’s largest and most impactful projects has been the creation of the California Health Interview Survey. CHIS, as it is widely known, uniquely provides statewide and local-level estimates for California’s diverse population. It is nationally recognized as a state-of-the-art health survey, particularly for its inclusiveness of ethnic and racial diversity, the breadth of health issues it covers, its extensive stakeholder participation in designing the survey, and its comprehensive dissemination of results and data to diverse constituencies.

CHIS data have helped inform policy from Sacramento to the chambers of the U.S. Congress, move state and national debates, and improve the health of all Californians.

—E. Richard "Rick" Brown, PhD (1942–2012) UCLA Center for Health Policy Research and California Health Interview Survey Founder
We thank you for your ongoing support of the California Health Interview Survey!